

12	Extra for providing and mixing water proofing compound in cement plaster work at one kg per sq m or in the proportion recommended by the manufacturer, for cement mortar 1:3:12mm thick cost of materials complete as per specification complete as per the direction of engineer in charge of the work
13	Providing 15mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding corners wherever required smooth rendering providing and removing scaffolding, including cost of materials, labour curing complete as per specification complete as per the direction of engineer in charge of the work
14	Earthwork excavation (in deposited soil) and filling sides of foundation upto plinth level in layers not exceeding 20cm in depth compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per direction of engineer in charge of the work
15	machine, mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for retaining walls, return walls, (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttress, string or lacing courses, parapets coping bed blocks anchor blocks plain window cills
16	Providing and installing of pre-painted Galvalume Iron Trapezoidal Profiled sheet of approved mark 1060 mm width (1000 mm cover width) 28-30mm crest height with crest distance of 200mm c/c with 2 ribs at the center for stiffening the total coated thickness TCT of the sheet will be 0.47 mm 0.02 mm tolerance Zinc ALu alloy coating AZ 150 gsm per ASTM 1397/A755-550 complete as per the direction of Engineer in charge of the work
17	Providing 18mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry including rounding corners wherever required smooth rendering providing and removing scaffolding including cost of materials labour curing complete as per the specification complete as per the direction of engineer in charge of the work
18	Providing precast chequered mosaic tiles light shade using ordinary grey cement for steps and flooring with precast 20mm thick, using marble chips of approved colour 7 to 10 nominal size laid in floors, steps and landings on a bed of 12mm thick cement mortar 1:6 mix pointed with neat cement slurry mix with pigment to match the shade of tiles curing, rubbing, polishing oxalic acid wash, polish, including cost of materials, labour HOM machinery complete as per the direction of engineer
19	Providing white glazed tiles of size 15cms x 15 cms 6mm thick for flooring treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix flush pointing using white cement including cost of materials, labour complete as per the direction of engineer in charge of the work
20	proportion cut to required shape, pattern with paper joints, finished with cement mortar using white cement and color pigment to match the colour of slab making thorough jointing with sealant, making holes 25mm x 25mm grooves in joints including curing etc, complete as per the direction of engineer in charge of the work.
21	automatic flushing cistern C. I M. S brackets, standard flush pipe and C. P brass spreaders with brass unions and GI clamps C. I drafts with outlet grating, and other coupling in C. P brass, painting of fittings and brackets cutting and making good the walls floor wherever required including cost of materials, labour complete as per the direction of
22	Providing and fixing white vitreous china clay, flat back or half stall urinal basin of size 580x380x350 mm with pair of automatic flushing cistern C.I M. S brackets standard flush pipe and C.P brass spreaders with brass unions and GI clamps C. I draft with outlet grating and other coupling in C. P brass painting of fittings and brackets cutting and making good the walls and floor wherever required including cost of materials, labour complete as per the direction of engineer in charge
23	Providing and fixing white vitreous china clay, flat back or half stall urinal basin of size 630x450mm with pair of 15mm CP brass brackets 32mm C. P brass of standard flush pipe and C.P brass spreaders with brass unions and GI clamps C. I draft with outlet grating and other coupling in C. P brass painting of fittings and brackets cutting and making good the walls and floor wherever required including cost of materials, labour complete as per the direction of engineer in charge
24	Providing and fixing white vitreous china clay, flat back or half stall urinal basin of size 550x400mm with pair of 15mm CP brass pillar taps with C. I M. S. brass brackets 32mm C. P brass of standard flush pipe and C.P brass spreaders with brass unions and GI clamps C. I draft with outlet grating and other coupling in C. P brass painting of fittings and brackets cutting and making good the walls and floor wherever required including cost of materials, labour complete as per the direction of engineer in charge
25	Providing and fixing 600x450mm level lead edge mirror of superior glass with 600 hard board backing and fixed wooden cleats with C. P screws, washers, including cost of materials, and conveyance to work spot complete as per the direction of engineer in charge of the work
26	Providing and fixing sand cast iron trap of 100 mm dia of self cleaning design with screwed down of hinged grate with or without vent arm including cutting and making good the walls floors, cost of materials, labour testing complete as per the direction of engineer in charge of work
27	Providing vulcanizing or rubber float of approved 1st quality and make conforming to ISI specifications and fixing for low down cistern as directed. Rate includes cost of material and conveyance to work spot, complete as per the direction of
28	providing wash basin brackets of approved 1st quality and make conforming to ISI specifications and fixing for low down cistern as directed. Rate includes cost of materials, and conveyance to work spot. Complete as per the direction of engineer in charge of the work

Sqm				34.65	7.00	242.55	34.65	242.55
Sqm				187.20	156.00	29203.20	187.20	29203.20
Cum.				14.33	235.00	3367.55	14.33	3367.55
Cum.				2.05	5657.00	11596.85	2.05	11596.85
Sqm				60.00	759.00	45540.00	60.00	45540.00
Cum				10.08	0.00	0.00	10.08	0.00
Cum				29.64	1100.00	32604.00	29.64	32604.00
Cum				51.50	715.00	36822.50	51.50	36822.50
Sqm				3.60	3400.00	12240.00	3.60	12240.00
Each				2.00	4960.00	9920.00	2.00	9920.00
Each				3.00	4850.00	14550.00	3.00	14550.00
Each				2.00	3600.00	7200.00	2.00	7200.00
Each				2.00	3450.00	6900.00	2.00	6900.00
each				2.00	1285.00	2570.00	2.00	2570.00
Each				5.00	805.00	4025.00	5.00	4025.00
each				3.00	185.00	555.00	3.00	555.00
pair				2.00	225.00	450.00	2.00	450.00

29	providing and fixing 7.5 cms to 15 mm cms dia NP grating 100 mm dia complete as per the direction of engineer incharge of the work
30	providing stoneware gully trap of approved quality and make fixing in CC 1:2:4 and plastering with CM 1:3 wherever necessary (Rate includes cost of all materials, fixtures and lead) to 10cms x10 cms complete as per the direction of
31	providing and fixing CN hanai Trap of approved make confirming fixtures and conveyance of materials, to work spot for 10 cms x7.5 cm complete as per the direction of engineer in charge of work
32	Providing and fixing trenches galvanised /mild steel tubes (medium grade) 25mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges HOM of equipment complete as per the direction of engineer in charge of the work
33	Providing and fixing in trenches galvanised /mild steel tubes (medium grade) 25mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges of hom of equipments complete as per the direction of engineer in charge of the work
34	providing and fixing waer meter with stop cock, jam nut socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour HOM of equipment and testing complete as per the direction of engineer in charge of work
35	providing and fixing in position brass stop cock of aproved quality 20mm nominal bore including cost of all materials labour and Hom equipments with all leads complete as per the direction of engineer in charge of the work
36	providing and fixing in position brass stop cock of aproved quality 20mm nominal bore including cost of all materials labour and HOM equipments with all leads complete as per the direction of engineer in charge of the work
37	Providing and fixing in position brass stop cock of approved quality 25mm nominal bore including cost of all materials, materials, labour and HOM of equipments with all leads complete as per the direction of engineer incharge of the work
38	providing and fixing in position brass stop cock of approved quality 23mm nominal bore including cost of material, labour and HOM of equipment with all leads complete as per the direction of engineer in charge of the work
39	providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality 25mm nominal bore including cost of materials labour and HOM of equipments with all leads complete as per the direction of engineer in charge of the work
40	Providing and fixing in position 25mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour HOM of equipments with all leads complete as per the direction of engineer in charge of the work
41	Providing and fixing to walls ceiling and floor low-density polythylene pipes of 6.00 KGF/sq. cm. working pressure 50mm outside diameter with special flange, compression, type fittings, walls clips, making good the wall, ceiling and floor including cost of all materials, labour charges HOM Of equipments, and testing complete as per the direction of engineer in charge of the work
42	Providing and fixing to wall ceiling and floor low density polythylene pipes of 6.00 KGF/Sq. cm working pressure 63mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges HOM Of equipments and testing complete as per the direction of engineer in charge of the
43	Providing and placing on terrace polythylene water storage tanks with manhole lid and suitable locking arrangements making holes of suitable diameter for inlet, outlet and over flow pipes including cost of all materials, labour, transporting charges HOM of equipments and testing complete as per the specification
44	Providing NP/CP waste unions confirming to ISI specification and fixing them in position as per directions includes cost of materials, fixtures and conveyance to work spot etc., do dia 32mm complete
45	including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of material, labour complete as per the direction of specification
46	Providing supplying M> S Stru Steel fabrication charges erection and fixing including one coat shop paint two coat enamel paint data rate approved 90000 per MT complete as per the direction of engineer in charge of the work
47	trenches 1.5 m and above width, in hard soil exceeding 1.5 in depth including dressing the bottom and side of pits and trenches stacking the excavated soil clear from edges of excavation with lead up to 50m breaking of clods complete as per the direction of engineer incharge of the work
48	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the asphalt surface road complete as per the direction of engineer in charge of the work

each				5.00	159.00	795.00	5.00	795.00
each				5.00	182.00	910.00	5.00	910.00
each				2.00	250.00	500.00	2.00	500.00
Mtrs				25.00	260.00	6500.00	25.00	6500.00
mtr				25.00	182.00	4550.00	25.00	4550.00
set				2.00	1295.00	2590.00	2.00	2590.00
each				2.00	157.00	314.00	2.00	314.00
each				2.00	155.00	310.00	2.00	310.00
each				5.00	156.00	780.00	5.00	780.00
each				2.00	583.00	1166.00	2.00	1166.00
each				2.00	585.00	1170.00	2.00	1170.00
each				2.00	525.00	1050.00	2.00	1050.00
Mtrs				15.00	527.00	7905.00	15.00	7905.00
Mtrs				6.00	267.00	1602.00	6.00	1602.00
Nos				1.00	8250.00	8250.00	1.00	8250.00
Each				1.00	126.00	126.00	1.00	126.00
Sqm				49.70	52.00	2584.40	49.70	2584.40
Mtrs				100.00	310.00	31000.00	100.00	31000.00
Cum				1.69	268.00	452.92	1.69	452.92
Mtrs				40.00	318.00	12720.00	40.00	12720.00

49	Providing and fixing to walls ceiling and floor galvansed. Mild steel tube 32mm dia nominal bore with fittings (medium grade weight 3.23 kg/mtr B class including cost of all materials, labour charges HOM of equipments and testing complete as per the direction of engineer in charge of the work
50	Providing and laying in position to required level or slope 150mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1 testing of pipes and joints, including cost of materials labour charges complete as per the direction of engineer in charge of the work
51	PVC pipe 110 mm Dia 2.5 kgs per sqm complete as per the direction of engineer in charge of the work
52	Filling available excavated earth (excluding rock) in sides of foundation up to plinth in layers not exceeding 20cms depth, compacting each deposited layer by ramming after watering with lead up to 50 m and lift upto 1.5 m including cost of all labour complete as per the direction of engineer in charge of the work
53	constructing brick masonry inspection chamber 600mm and 450 mm depth, (clear inside dimension) for single pipeline, using, table moulded bricks of class designation 50 in cement mortar 1:5 C.I cover with frame ((light duty) 600x600 mm internal dimensions total weight of cover with frame to be not less than 38kgs (weight of cover 23 kg and weight of frame 15kg) R. C C top slab with cement concrete 1:2:4 mx 20mm and downsize granite metal foundation concrete 1:5:10 with 40mm ad downsize granite metal inside plastering 12mm thick with cement mortar 1:3 finish smooth with a floating coat of cement on walls and bed concrete complete as per the standard design including cost of materials, labour
54	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangement making holes of suitable diameter for inlet, outlet and over flow pipes, includes cost of all materials, labour transport charges HOM of equipments and testing complete as per the specification.

CERTIFICATE

- 1 This is to certify that the contractor has completed the work satisfactorily.
- 2 The contractor has cleared the debris from the work spot.
- 3 The contractor has used his own vehicles for the conveying the debris.
- 4 There are no departmental issues for the above work.

